

**ABSTRACT OF THE DISCLOSURE**

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This invention relates to human and murine HPR1 and human and murine HPR2 polypeptides, new members of the hematopoietin receptor polypeptide family; to methods of making such HPR1 and HPR2 polypeptides; to non-human mammals in which the endogenous genomic sequences encoding HPR1 and/or HPR2 polypeptides have been partially or completely inactivated; to methods of using  
10 HPR1 or HPR2 polypeptides to identify compounds that alter HPR1 or HPR2 polypeptide activities; and to methods of preparing medicaments for and/or treating conditions associated with hematopoietin receptor function.